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# ROAD SAFETY OUTCOMES

Supplement to the NZ Transport Agency's  
*Quarterly results and insights*

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**Q3** 2013/14

1 January to 31 March 2014



Cover picture: The Transport Agency is running a two-year trial of Rural Intersection Activated Warning Signs (RIAWS) to address safe speeds at high-risk rural intersections. The RIAWS trial introduces speed limit signs at some intersections (for through traffic), which are activated by the presence of crossing/turning vehicles. When the signs are activated, the through traffic reduces travel speed through the potential collision zone. When there are no crossing/turning vehicles at the intersection, the signs stay blank so that through vehicles are uninterrupted. This helps maintain the efficiency of the network.

The first sign in the trial (variable 70km/h) was installed at the Himitangi crossroad on the Foxton Straights in December 2012 following a period of speed surveys. Speeds through the intersection have been reduced by approximately 20km/h when the sign is operating, reducing the likelihood of death and serious injury from 60% to around 25% should a collision occur.

## This quarterly summary of road safety outcomes shows:

- an overall picture of fatal and serious casualties in road crashes over the past five years
- a set of intermediate outcome measures for each of the *Safer Journeys* areas of concern, **by calendar year**
- the trend in a representative headline measure over the past five years for each of the *Safer Journeys* areas of concern
- trends in the five high priority *Safer Journeys* areas of concern over the past five years in each Transport Agency Region
- Local Government Region and Police District comparisons against a representative headline outcome measure for each of the *Safer Journeys* areas of concern.

Outcome measures are provided for the most recently available quarter, to March 2014 in some cases but usually to December 2013. Some measures are only available on an annual basis. Please note that hospitalisation figures are provisional totals only, up to December 2013.

Not all outcome measures are available at Regional or Police District level, and alternative headline measures are presented in the relevant charts. In the Regional and Police District charts, some measures are shown on an averaged three-yearly basis where the numbers are too small to give meaningful single year comparisons.

## Key results for the quarter are:

- overall crash and casualty numbers have continued to fall to new record low levels, with **annual fatalities steady** at just over 250 per year
- ACC claims show **increasing casualties from motorcycle crashes** in the past 12 months; motorcyclists accounted for 25% of fatalities in the first 3 months of 2014
- casualties and casualty rates have levelled out for the Young driver, Restraints, Walking and cycling, and Fatigue and distraction areas of concern
- the Waikato/Bay of Plenty region has seen a substantial (31%) drop in fatal and serious injuries resulting from **head-on and run off road crashes** in the past 5 years.

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## More information ...

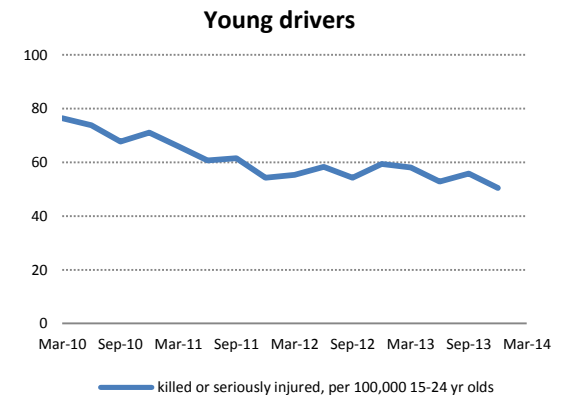
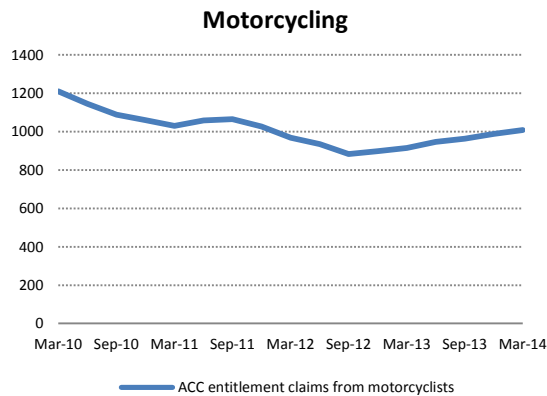
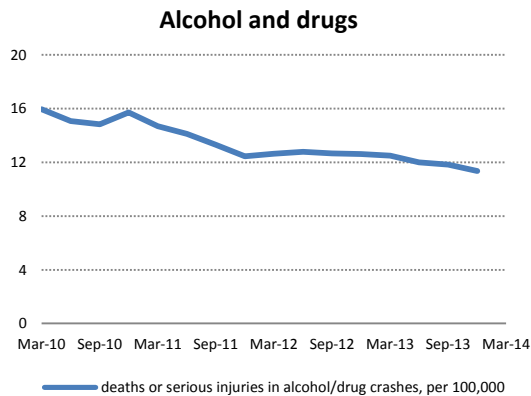
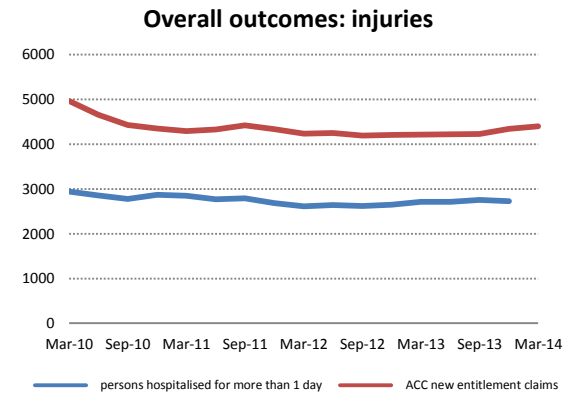
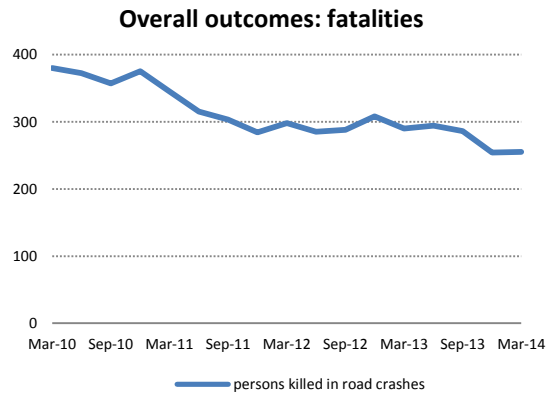
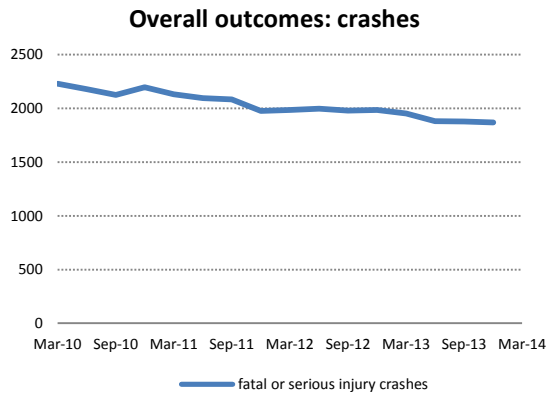
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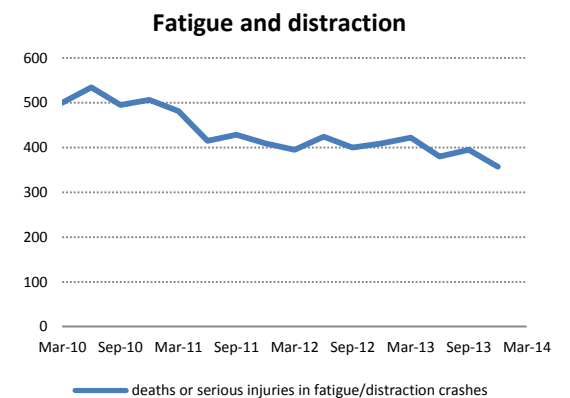
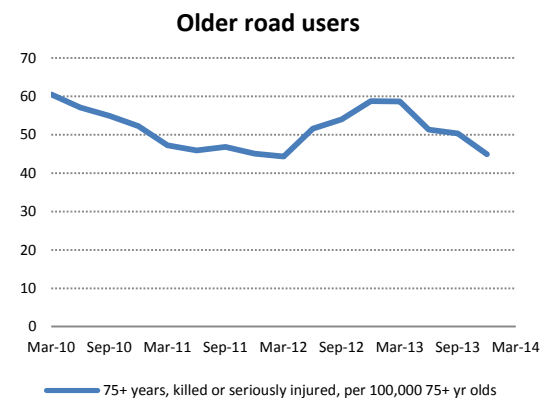
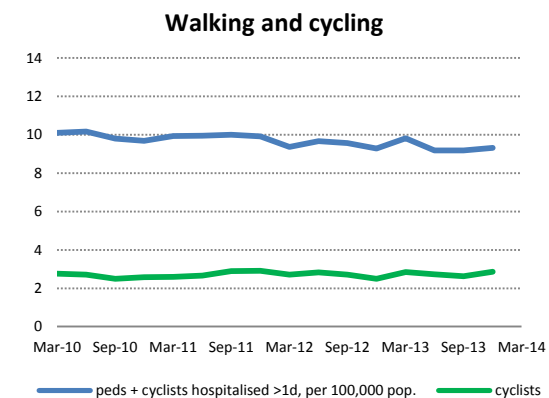
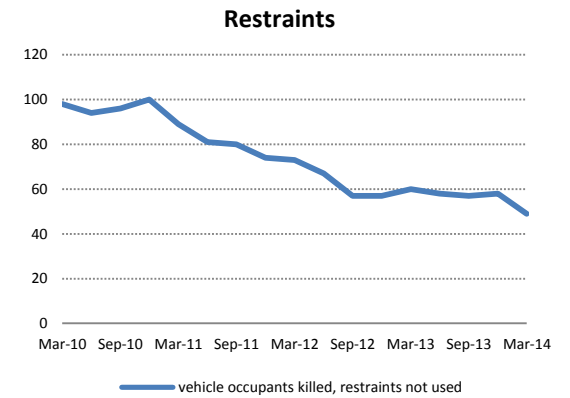
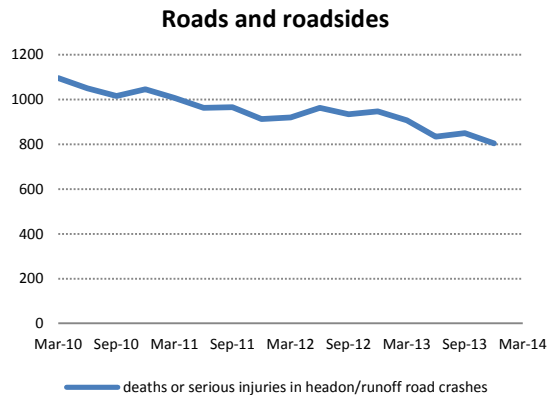
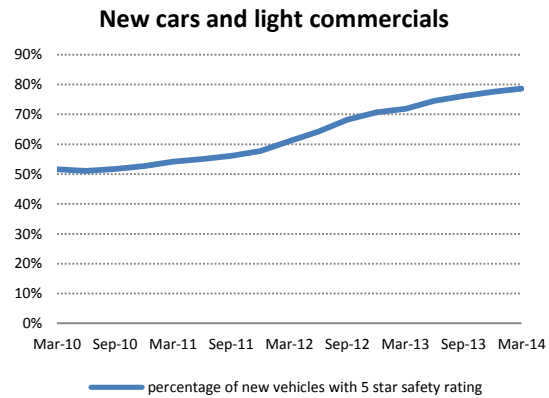
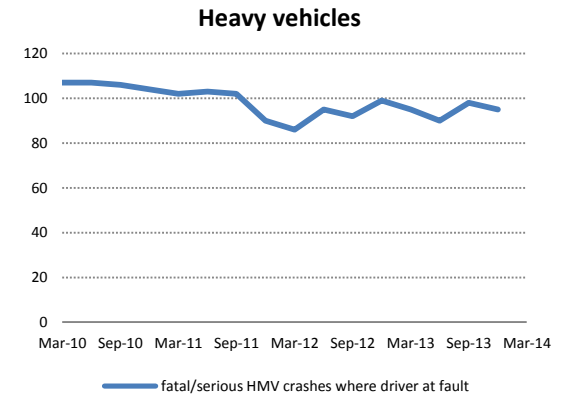
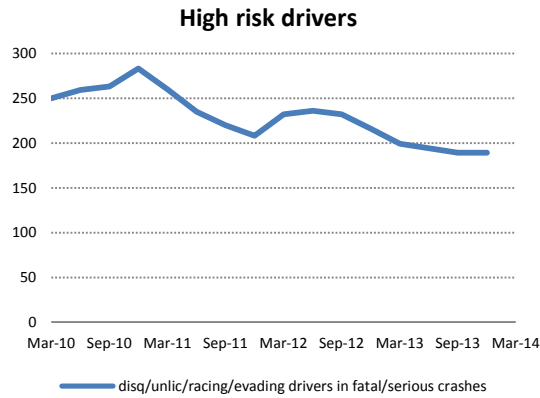
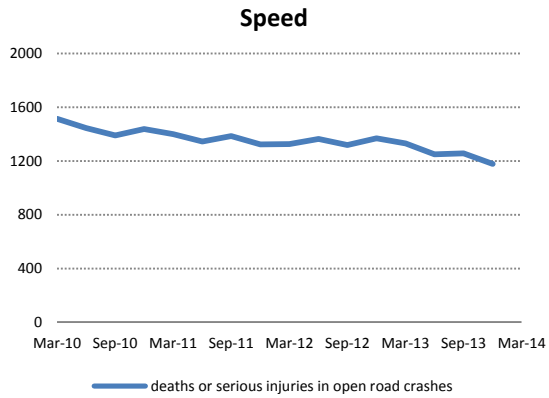
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This document and its regional time series data are available on the Transport Agency's website at <http://www.nzta.govt.nz/resources/road-safety-outcomes/>.

# ROAD SAFETY OUTCOME TRENDS 2010-2014 (12-MONTH ROLLING FIGURES)

Road safety outcome measures in the following charts and tables are provided for the last five years, up to the most recently available quarter. The measures are obtained from the Transport Agency's Crash Analysis System, ACC entitlement claims, Ministry of Health hospital discharge data, Ministry of Transport speed, restraint and public attitude surveys, Statistics NZ population data, and new vehicle registration figures.





NATIONAL ROAD SAFETY OUTCOMES IN DETAIL	LATEST FIGURES			LAST FIVE CALENDAR YEARS				
	latest quarter	latest 12 months	as at	2009	2010	2011	2012	2013
<b>Overall outcomes</b>								
<b>persons killed or seriously injured in road crashes</b>	571	2215	Dec 2013	2809	2663	2344	2410	2215
fatal or serious injury crashes	485	1867	Dec 2013	2298	2194	1975	1984	1867
persons killed in road crashes	67	255	Mar 2014	384	375	284	308	254
persons killed in road crashes, per 100,000 population, per year	6.0	5.7	Mar 2014	8.9	8.5	6.4	6.9	5.7
persons killed or seriously injured, per 100,000 population, per year	51	49	Dec 2013	65	61	53	53	49
persons killed or seriously injured, per 100 million vehicle km travelled	5.6	5.4	Dec 2013	6.9	6.4	5.7	5.7	5.4
persons hospitalised for more than 1 day (>1d), non-fatal <i>*provisional figures to Dec 2013</i>	669*	2723*	Dec 2013	2991	2869	2682	2647	2723*
ACC new entitlement claims	1088	4401	Mar 2014	5252	4346	4331	4203	4338
<b>Alcohol and drugs</b>								
<b>fatal or serious injuries in alcohol/drug crashes, per 100,000 population, per year</b>	12.5	11.3	Dec 2013	16.3	15.7	12.4	12.6	11.3
drivers killed with excess alcohol	9	57	Sep 2013	66	67	45	63	-
% think high probability being stopped at CBT checkpoint	-	53%	2013	52%	56%	56%	52%	53%
% think high probability being tested for drugs (NEW)	-	n/a	-	-	-	-	-	-
<b>Young drivers</b>								
<b>young drivers killed or seriously injured, per 100,000 15-24 year olds, per year</b>	48	50	Dec 2013	78	71	54	59	50
young drivers (15-24 years) hospitalised >1d, per 100,000 15-24 year olds, per year	39	45	Dec 2013	65	55	50	47	45
young drivers (15-24 years) killed, per 100,000 15-24 year olds, per year	6.3	5.9	Mar 2014	7.7	9.4	7.3	5.8	5.9
young drivers (15-24 years) killed with excess alcohol, per 100,000 15-24 yr olds, per year	1.9	1.4	Sep 2013	3.0	3.7	2.3	0.3	-
% youth believe will be stopped for non alcohol/speed traffic offences	-	45%	2013	41%	44%	39%	42%	45%
drivers on GDL at fault in fatal/serious crashes	56	209	Dec 2013	372	278	255	217	209
fatal and serious crashes involving 15-19 year old drivers	48	211	Dec 2013	442	379	282	251	211
<b>Speed</b>								
<b>deaths or serious injuries in all open road crashes, 80-100 km/h roads</b>	311	1178	Dec 2013	1577	1438	1323	1369	1178
% vehicles exceeding 100 km/h limits	-	25%	2013	29%	29%	31%	25%	25%
% vehicles exceeding 50 km/h limits	-	56%	2013	61%	58%	59%	53%	56%
fatal/serious speed-related crashes	111	383	Dec 2013	464	458	420	376	383
% disagree probability being detected speeding is small	-	56%	2013	50%	52%	51%	55%	56%
mean rural speed (km/h)	-	95.7	2013	96.3	96.2	96.5	95.6	95.7
mean urban speed (km/h)	-	51.7	2013	52.3	52.0	52.0	51.3	51.7
<b>Motorcycling</b>								
<b>ACC entitlement claims from motorcyclists</b>	281	1007	Mar 2014	1262	1060	1026	897	988
motorcycle and moped riders killed, per 100,000 population, per year	1.2	1.0	Dec 2013	1.1	1.1	0.7	1.0	0.8
% of motorcycles in crashes with non-current WoFs	27%	28%	Dec 2013	26%	27%	26%	25%	28%
motorcyclists hospitalised >1d, per 100,000 population, per year <sup>(1)</sup>	12.6	12.3	Dec 2013	15.7	15.2	13.6	11.9	12.3
<b>Roads and roadsides</b>								
<b>fatal or serious injuries in head-on* and run off road crashes, 80-100 km/h roads</b>	217	804	Dec 2013	1133	1045	912	946	804
fatal or serious injuries in head-on (*not overtaking) crashes, 80-100 km/h roads	62	233	Dec 2013	361	296	304	298	233
fatal or serious injuries in run-off road crashes, 80-100 km/h roads	155	567	Dec 2013	772	749	608	637	567
fatal or serious injuries in intersection crashes	141	649	Dec 2013	827	782	699	768	649
fatal or serious injuries in pedestrian/cyclist crashes	114	431	Dec 2013	418	437	422	430	431
fatal or serious injuries in all crashes on SH network	212	818	Dec 2013	1117	994	924	995	818

NATIONAL ROAD SAFETY OUTCOMES IN DETAIL	LATEST FIGURES			LAST FIVE CALENDAR YEARS				
	latest quarter	latest 12 months	as at	2009	2010	2011	2012	2013
<b>High risk drivers</b>								
<b>high risk drivers<sup>(2)</sup> in fatal or serious injury crashes</b>	52	189	Dec 2013	255	283	208	216	189
disqualified drivers detected driving	2138	8106	Dec 2013		9731	9220	8439	8106
disqualified or unlicensed drivers involved in fatal/serious crash	48	166	Dec 2013	203	238	180	181	166
<b>Light vehicles</b>								
<b>% of new vehicles with 5-star safety rating</b>	79%	79%	Mar 2014	51%	53%	58%	71%	78%
% of vehicles in fatal/serious crashes with non-current WOFs <sup>(1)</sup>	11%	12%	Dec 2013	12%	13%	12%	12%	12%
% of fatal/serious injuries in crashes with contributing vehicle faults	2.6%	2.7%	Dec 2013	5.1%	4.6%	4.1%	3.3%	2.7%
average (median) age of light vehicle fleet (years)	-	13.4	Dec 2013	12.5	12.8	13.0	13.2	13.4
<b>Fatigue and distraction</b>								
<b>fatal or serious injuries in fatigue/distraction crashes</b>	84	357	Dec 2013	499	506	409	409	357
fatal/serious crashes with contributing fatigue/distraction	73	291	Dec 2013	404	402	340	327	291
fatal/serious crashes meeting ATSB fatigue definition <sup>(3)</sup>	36	102	Dec 2013	160	134	105	125	102
<b>Heavy vehicles</b>								
<b>fatal/serious injury HMV crashes where driver at fault</b>	21	95	Dec 2013	111	104	90	99	95
fatal/serious crashes involving HMVs	56	208	Dec 2013	226	212	209	214	208
% of fatal/serious HMV crashes where HMV driver at fault	38%	46%	Dec 2013	49%	49%	43%	46%	46%
% of HMV drivers exceeding 90 km/h speed limit	-	32%	2013	43%	45%	44%	39%	32%
<b>Walking and cycling</b>								
<b>pedestrians and cyclists hospitalised &gt;1d, per 100,000 population, per year*</b>	8.5*	9.3*	Dec 2013	10.2	9.7	9.9	9.3	9.3*
pedestrians hospitalised >1 day, per 100,000 population, per year *provisional figures to Dec 2013	5.4*	6.5*	Dec 2013	7.6	7.1	7.0	6.8	6.5*
pedestrians and cyclists killed, per 100,000 population, per year	0.7	0.8	Mar 2014	0.9	1.0	0.9	0.9	0.8
fatal or serious injuries to school age (5-17) cyclists and pedestrians	21	86	Dec 2013	101	75	91	77	86
cyclists killed or hospitalised >1 day *provisional figures to Dec 2013	34*	136*	Dec 2013	122	123	138	119	136*
% cyclists wearing helmets	-	92%	2012	92%	93%	93%	92%	-
<b>Older road users</b>								
<b>persons 75+ yrs killed or seriously injured in crashes, per 100,000 75+ yr olds, per year</b>	42	45	Dec 2013	61	52	45	59	45
persons 75+ years killed in road crashes	8	36	Mar 2014	36	34	32	41	34
drivers 75+ years, killed or seriously injured, per 100,000 75+ year olds, per year	17	23	Dec 2013	38	29	28	31	23
persons 75+ years hospitalised >1d provisional figures to Dec 2013	83	362	Dec 2013	343	340	290	373	362
persons 75+ years, ACC claims, per 100,000 75+ year olds, per year	73	75	Mar 2014	96	75	67	69	74
<b>Restraints</b>								
<b>vehicle occupant deaths where restraints not worn</b>	9	49	Mar 2014	87	100	74	57	58
% of children (5-9 years) in booster seats or child restraints	-	21%	2013	-	-	23%	-	21%
% front seat adult vehicle occupants restrained	-	96%	2012	95%	96%	96%	96%	-
% child (0-4 years) vehicle occupants restrained	-	92%	2012	91%	93%	-	92%	-
% drivers think highly likely to be stopped for non-compliance	-	41%	2013	39%	41%	40%	40%	41%

(1) National headline measure not available at regional/district level, this measure used instead for local government region and police district charts

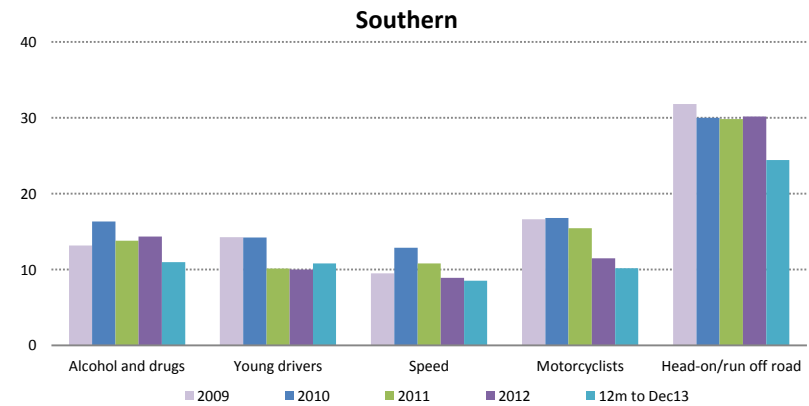
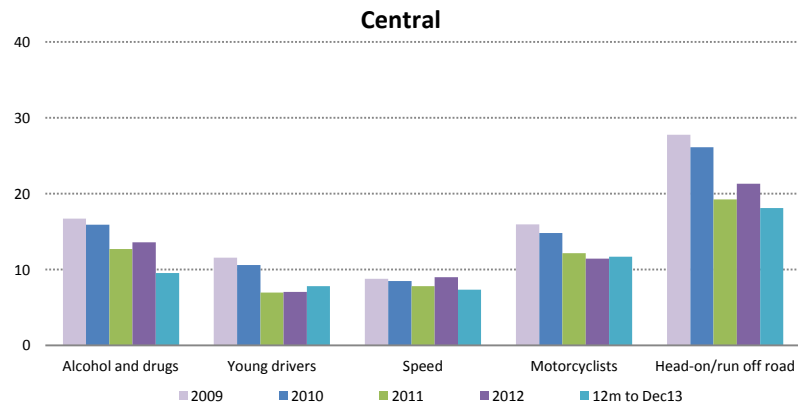
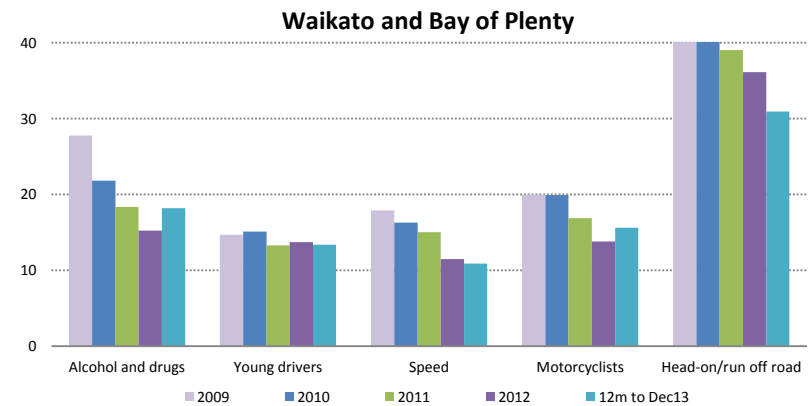
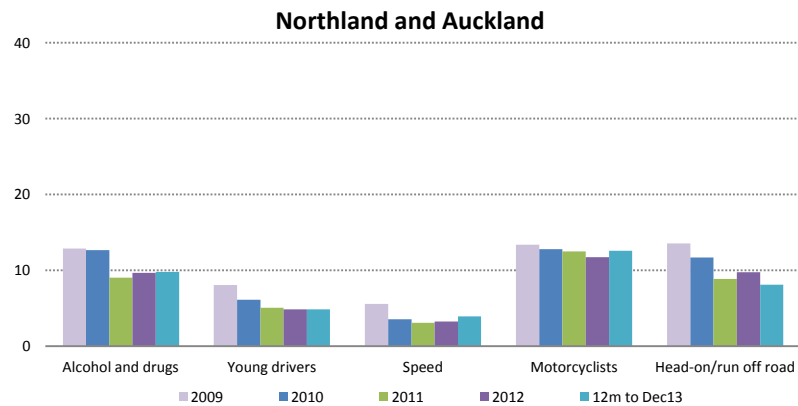
(2) High risk driver = disqualified, unlicensed, illegal street racing, evading enforcement

(3) Counts open road crashes with no alcohol, unlicensed drivers, nor pedestrians, either head-on on straight road, or single vehicle between 00:00-05:59h or 14:00-15:59h

## ROAD SAFETY OUTCOMES BY NZ TRANSPORT AGENCY REGION

The following charts and tables show trends over the past 5 years in the four NZ Transport Agency regions for the high priority road safety concerns in *Safer Journeys*. The final bar in each set shows the value for the 12 months to the end of the latest available quarter, to allow full-year comparisons with the preceding annual values.

Fatal and serious injuries\* in crashes, per 100,000 population



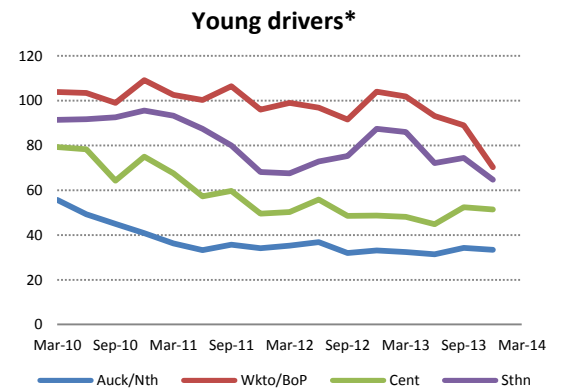
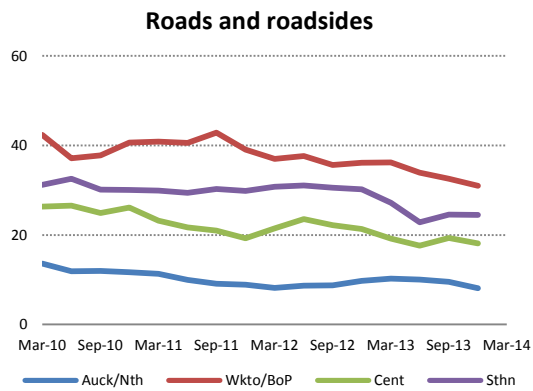
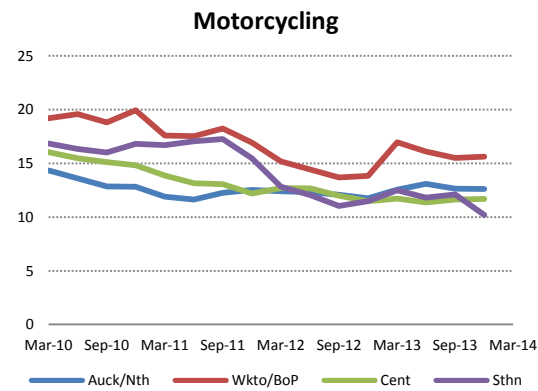
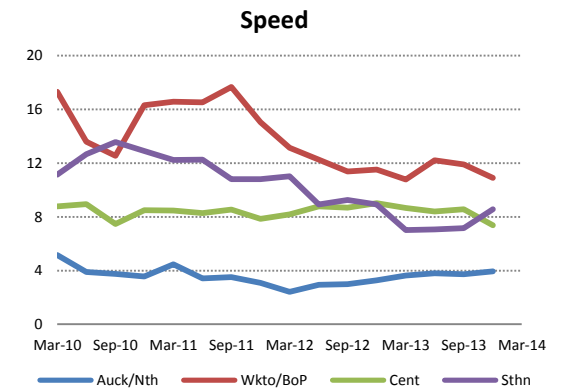
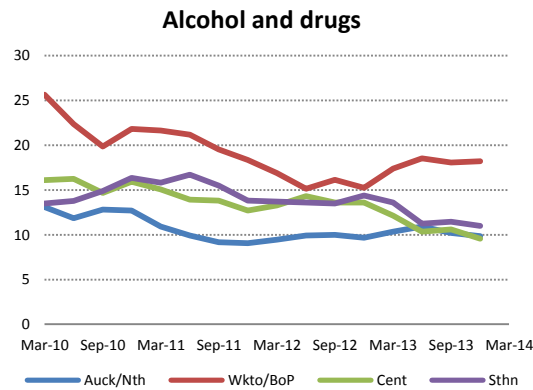
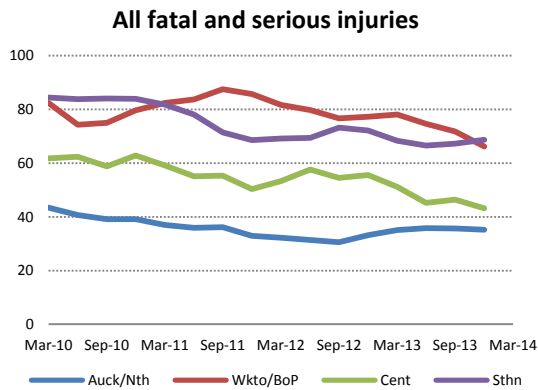
\* Motorcycle casualties = hospitalisations for more than 1 day; head-on and run-off road crashes are open road crashes (80-100 km/h).



## REGIONAL OUTCOME TRENDS 2009-2013 (12-month rolling figures)

The following charts show trends over the past 5 years in the four NZ Transport Agency regions for the high priority road safety concerns in *Safer Journeys*. The values in each chart are the injury rates per 100,000 population for the preceding 12 months, allowing comparisons across years, regions and priority areas.

### Fatal and serious injuries\* in crashes, per 100,000 population



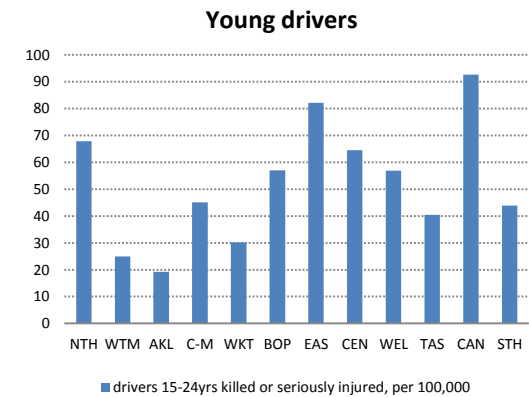
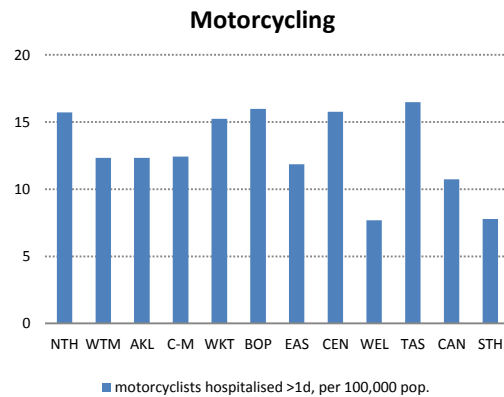
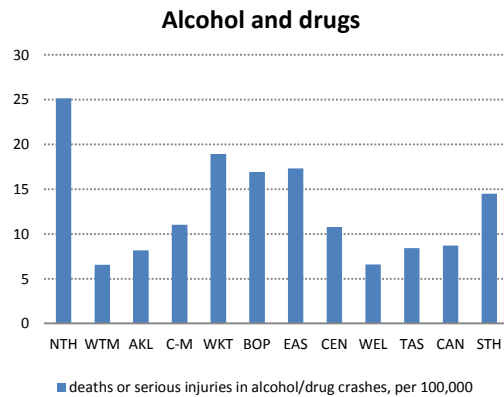
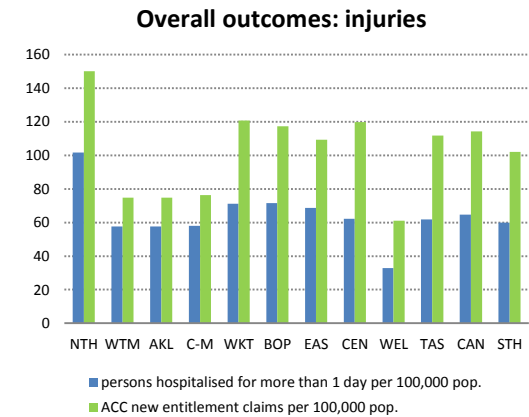
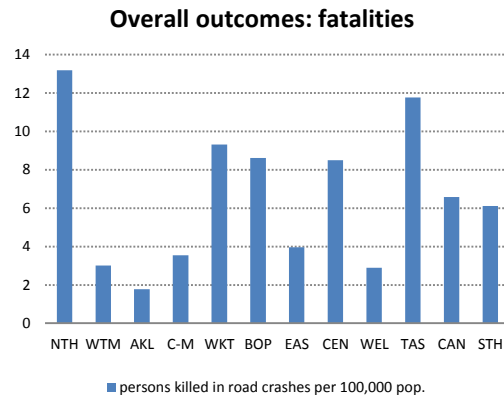
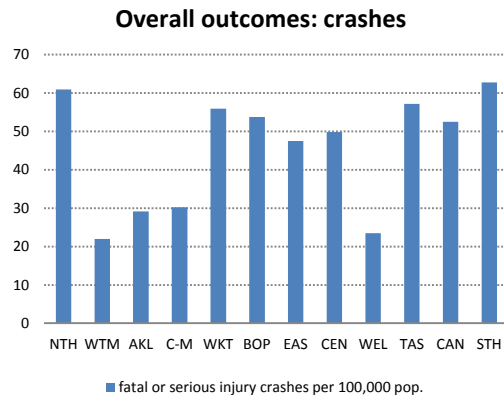
\* Motorcycle casualties = hospitalisations for more than 1 day; head-on and run-off road crashes are open road crashes (80-100 km/h); young driver rates expressed per 100,000 15-24 year olds.

NZ TRANSPORT AGENCY REGIONAL OUTCOMES	LAST FIVE YEARS					
	2009	2010	2011	2012	latest 12 months, to Dec 2013	
<b>Overall outcomes</b>						
<b>fatal or serious injuries in all crashes, per 100,000 population</b>	NZ =	65	61	53	54	49
Northland and Auckland region		44	39	33	33	35
Waikato and Bay of Plenty region		90	80	86	77	66
Central region		64	63	50	56	43
Southern region		87	84	69	72	69
<b>Alcohol and drugs</b>						
<b>fatal or serious injuries in alcohol/drug crashes, per 100,000 population</b>	NZ =	16	16	13	13	11
Northland and Auckland region		13	13	9	10	10
Waikato and Bay of Plenty region		28	22	18	15	18
Central region		17	16	13	14	10
Southern region		13	16	14	14	11
<b>Young drivers</b>						
<b>young drivers killed or seriously injured, per 100,000 total population</b>	NZ =	11	10	8	8	7
Northland and Auckland region		8	6	5	5	5
Waikato and Bay of Plenty region		15	15	13	14	13
Central region		12	11	7	7	8
Southern region		14	14	10	10	11
<b>young drivers killed or seriously injured, per 100,000 15-24 year olds</b>	NZ =	78	71	54	58	49
Northland and Auckland region		54	41	34	33	33
Waikato and Bay of Plenty region		106	109	96	104	70
Central region		82	75	50	49	51
Southern region		96	96	68	87	65
<b>Speed</b>						
<b>fatal or serious injuries in open road (80-100km/h) crashes, per 100,000 population</b>	NZ =	9.2	8.8	7.8	7.3	6.9
Northland and Auckland region		5.6	3.6	3.1	3.3	3.9
Waikato and Bay of Plenty region		17.9	16.3	15.0	11.5	10.9
Central region		8.8	8.5	7.8	9.0	7.4
Southern region		9.5	12.9	10.8	8.9	8.6
<b>Motorcycling</b>						
<b>motorcyclists hospitalised &gt;1d from road crashes, per 100,000 population</b>	NZ =	16	15	14	12	12
Northland and Auckland region		13	13	13	12	13
Waikato and Bay of Plenty region		20	20	17	14	16
Central region		16	15	12	11	12
Southern region		17	17	15	11	10
<b>Roads and roadsides</b>						
<b>fatal or serious injuries in head-on* and run off road crashes, per 100,000 population</b>	NZ =	26	24	21	21	18
Northland and Auckland region		14	12	9	10	8
Waikato and Bay of Plenty region		45	41	39	36	31
Central region		28	26	19	21	18
Southern region		32	30	30	30	24

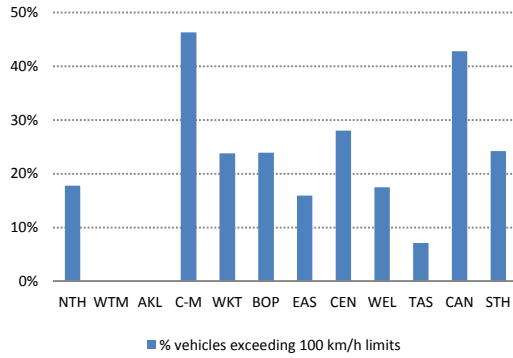
NZ TRANSPORT AGENCY REGIONAL OUTCOMES		2009	2010	2011	2012	latest 12 months, to Dec 2013
<b>High risk drivers</b>						
<b>high risk drivers in fatal or serious crashes, per 100,000 population</b>	NZ =	5.9	6.4	4.7	4.9	4.2
Northland and Auckland region		5.6	6.0	5.1	5.4	5.0
Waikato and Bay of Plenty region		5.4	5.8	4.3	4.7	4.2
Central region		6.6	7.5	4.2	5.2	3.8
Southern region		4.5	4.9	4.2	3.0	3.0
<b>Light vehicles</b>						
<b>percentage of light vehicles in fatal/serious crashes without current WOF</b>	NZ =	12%	13%	12%	12%	12%
Northland and Auckland region		14%	14%	11%	13%	9%
Waikato and Bay of Plenty region		14%	13%	11%	11%	16%
Central region		13%	15%	12%	15%	15%
Southern region		10%	11%	14%	10%	10%
<b>Fatigue and distraction</b>						
<b>fatal or serious injuries in fatigue/distraction crashes, per 100,000 population</b>	NZ =	11	12	9	9	8
Northland and Auckland region		7	6	5	5	4
Waikato and Bay of Plenty region		16	16	15	17	14
Central region		13	13	10	9	9
Southern region		13	16	12	11	10
<b>Heavy vehicles</b>						
<b>fatal or serious HMV crashes, per billion vkt (all vehicles)</b>	NZ =	5.5	5.2	5.1	5.2	5.0
Northland and Auckland region		4.0	4.0	3.0	3.3	4.3
Waikato and Bay of Plenty region		6.8	6.0	7.9	8.1	5.7
Central region		4.3	4.6	4.6	5.9	4.4
Southern region		7.4	6.8	6.1	4.7	6.1
<b>Walking and cycling</b>						
<b>pedestrians and cyclists hospitalised &gt;1 day, per 100,000 population</b>	NZ =	10	10	10	9	9
Northland and Auckland region		17	14	16	13	15
Waikato and Bay of Plenty region		6	6	6	5	6
Central region		7	9	8	9	8
Southern region		9	8	8	8	7
<b>Older road users</b>						
<b>persons 75+ years killed or seriously injured, per 100,000 75+ year olds</b>	NZ =	61	52	45	59	45
Northland and Auckland region		47	35	22	51	39
Waikato and Bay of Plenty region		53	67	71	65	47
Central region		58	46	34	57	25
Southern region		89	66	67	64	77
<b>Restraints</b>						
<b>vehicle occupants killed, restraints not worn, 3 year average, per 100,000 population</b>	NZ =	2.0	2.3	1.7	1.3	1.3
Northland and Auckland region		1.9	1.2	0.8	0.4	0.9
Waikato and Bay of Plenty region		3.7	4.2	3.3	3.2	2.6
Central region		1.7	2.4	1.9	1.5	1.0
Southern region		1.3	2.6	1.8	1.2	1.4

# ROAD SAFETY OUTCOMES BY POLICE DISTRICT

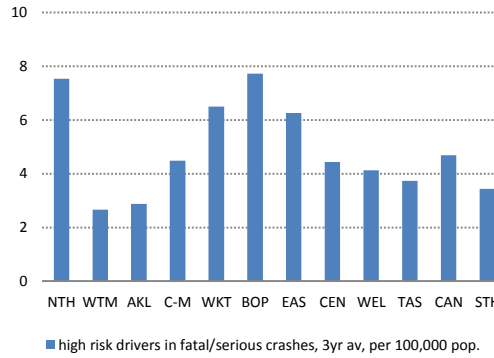
The following charts and tables show headline outcome measures for the 12 months to the end of the latest available quarter. Some alternative measures are shown if the national measure is not available at a regional or police district level. In cases where the numbers involved are too small to give meaningful single year comparisons, some measures are shown on an averaged three-yearly basis.



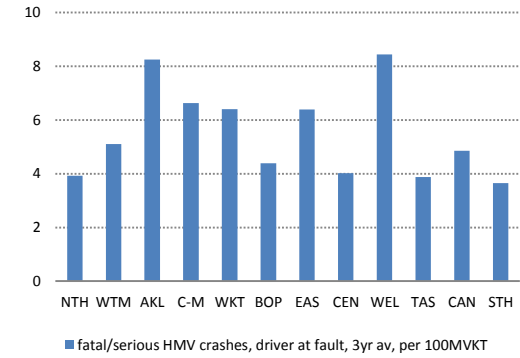
### Speed



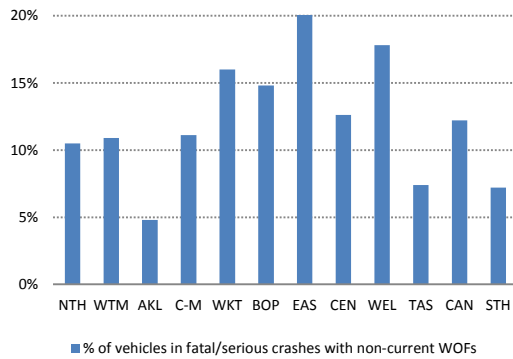
### High risk drivers



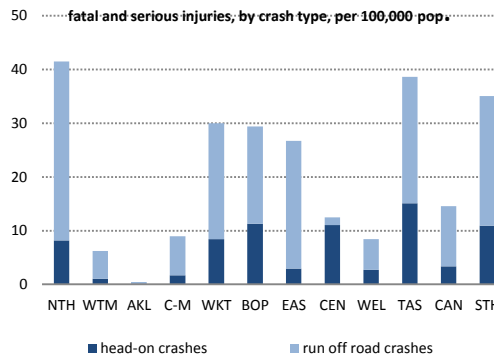
### Heavy vehicles



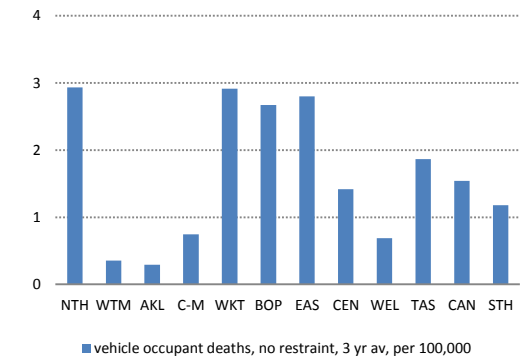
### Light vehicles



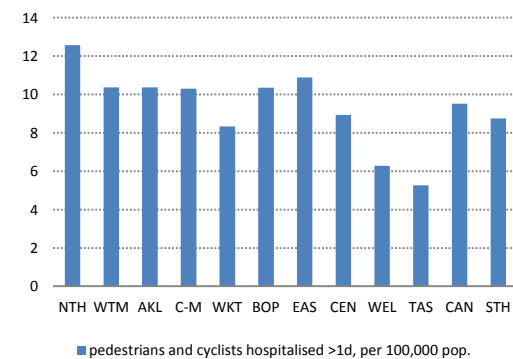
### Roads and roadsides



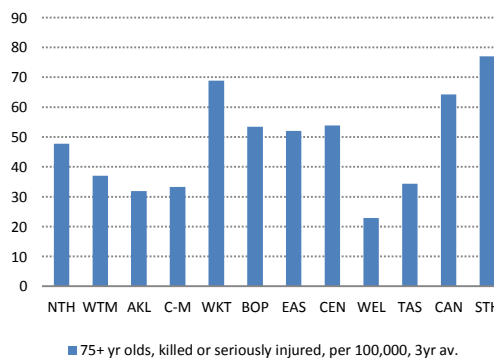
### Restraints



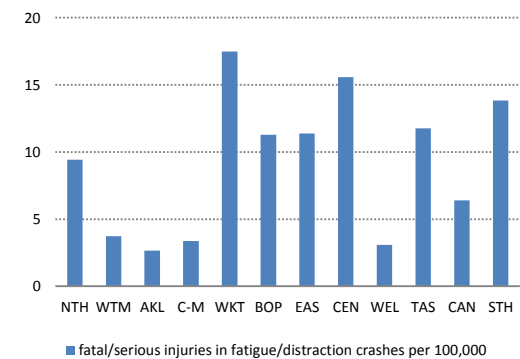
### Walking and cycling



### Older road users

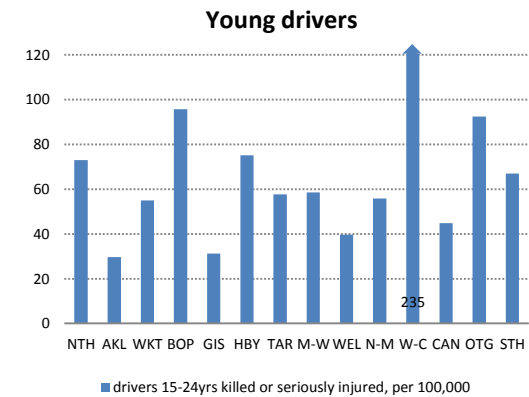
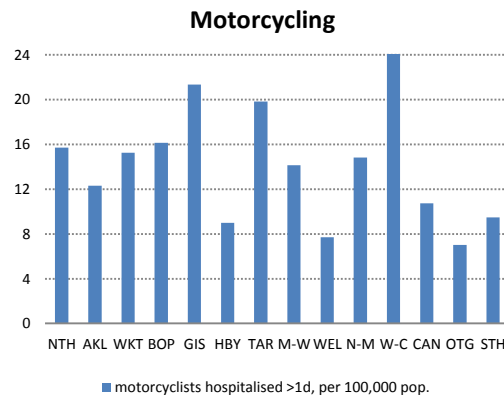
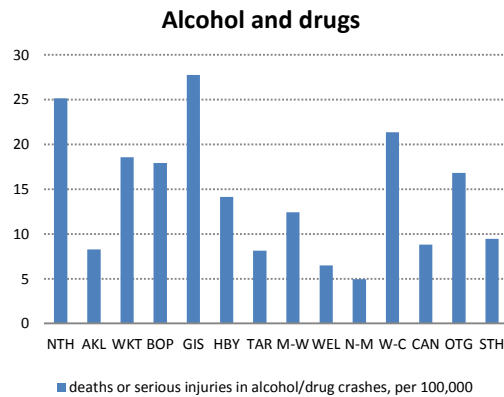
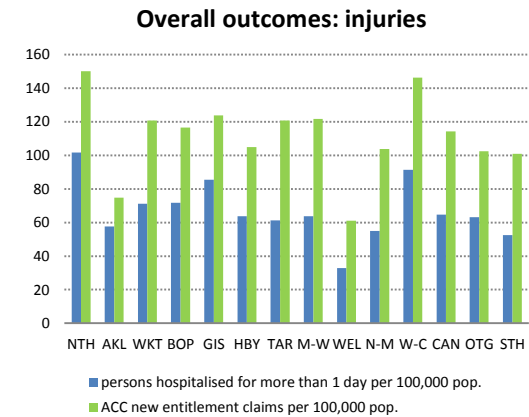
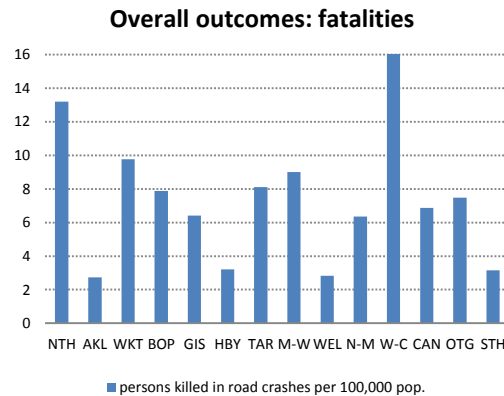
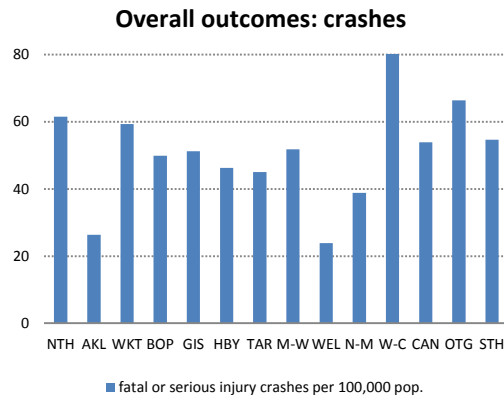


### Fatigue and distraction

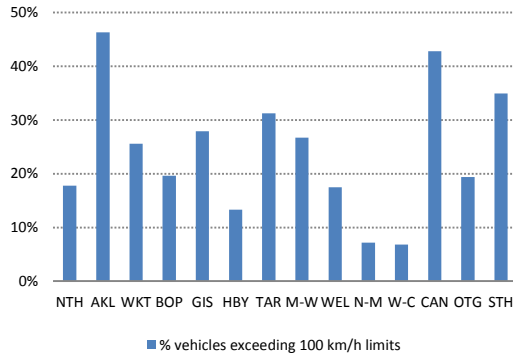


# ROAD SAFETY OUTCOMES BY LOCAL GOVERNMENT REGION

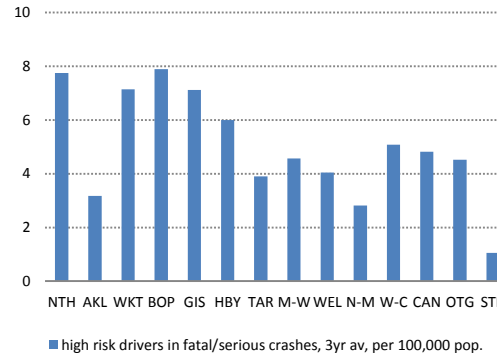
The following charts and tables show headline outcome measures for the 12 months to the end of the latest available quarter. Some alternative measures are shown if the national measure is not available at a regional or police district level. In cases where the numbers involved are too small to give meaningful single year comparisons, some measures are shown on an averaged three-yearly basis.



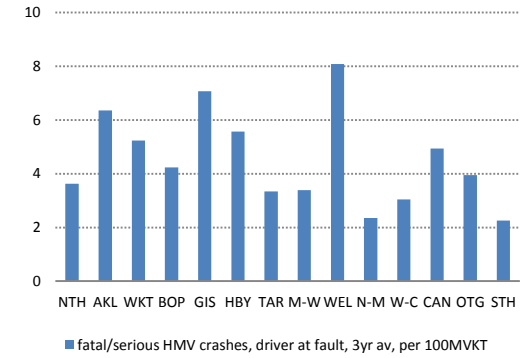
### Speed



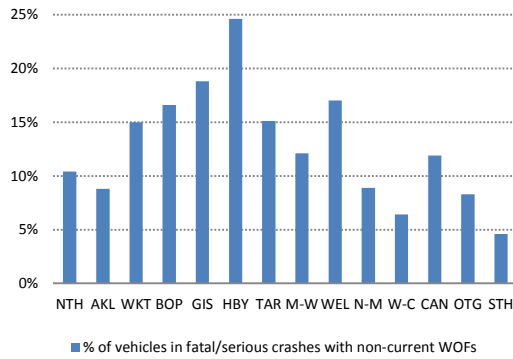
### High risk drivers



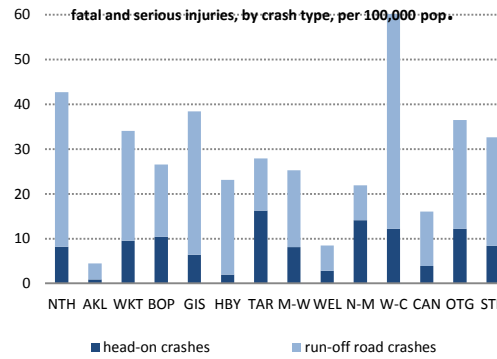
### Heavy vehicles



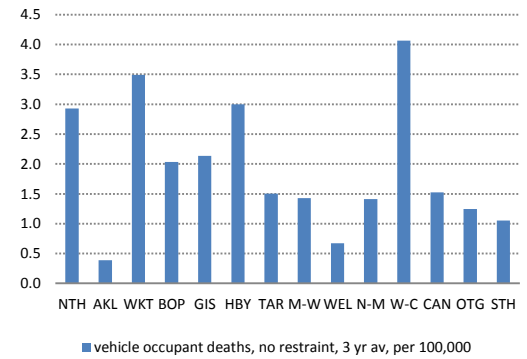
### Light vehicles



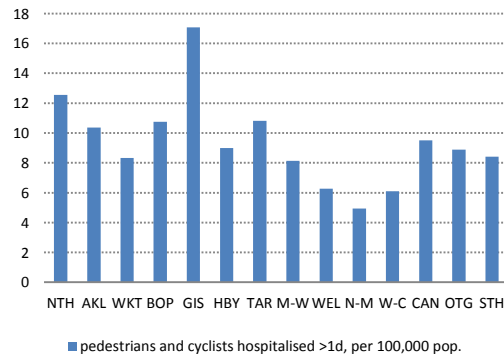
### Roads and roadsides



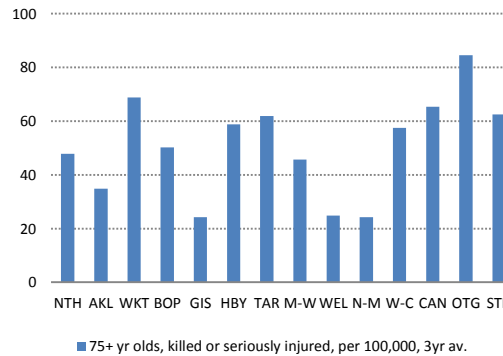
### Restraints



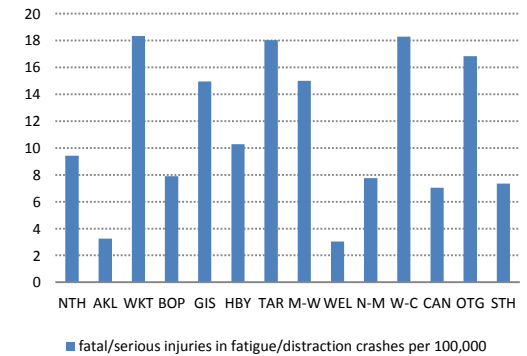
### Walking and cycling



### Older road users



### Fatigue and distraction



POLICE DISTRICT ROAD SAFETY OUTCOMES		NTH	WTM	AKL	C-M	Total Auck	WKT	BOP	EAS	CEN	WEL	TAS	CAN	STH	NZ
<b>Overall</b>	fatal or serious injury crashes per 100,000 population	61	22	29	30	27	56	54	47	50	23	57	52	63	42
	persons killed in road crashes, per 100,000 population	13	3	2	4	3	9	9	4	8	3	12	7	6	5.7
	persons hospitalised more than 1 day (>1d) , per 100000 popn.	102	58	58	58	58	71	72	69	62	33	62	65	60	61
	ACC new entitlement claims, per 100000 population	150	75	75	76	75	121	117	109	120	61	112	114	102	98
<b>Alcohol</b>	deaths or serious injuries in alcohol/drug crashes, per 100,000 popn.	25	7	8	11	9	19	17	17	11	7	8	9	14	11
<b>Youth</b>	young driver fatal/serious injuries, per 100,000 15-24 year olds	68	25	19	45	30	57	82	64	57	40	93	44	86	50
<b>Speed</b>	% vehicles exceeding 100 km/h limits	18%	-	-	46%	46%	24%	24%	16%	28%	18%	7%	43%	24%	25%
<b>High risk</b>	high risk drivers in fatal/serious crash, 3-year average per 100,000 popn.	8	3	3	4	3	7	8	6	4	4	4	5	3	5
<b>Roads and roadsides</b>	deaths + serious injuries in head-on crashes, per 100,000 popn.	8	1	0	2	1	8	11	3	11	3	15	3	11	5
	deaths + serious injuries, run-off road crashes, per 100,000 popn.	33	5	0	7	5	22	18	24	1	6	24	11	24	13
	deaths + serious injuries, intersection crashes, per 100,000 popn.	10	5	14	12	10	18	15	13	20	7	15	25	22	14
	deaths + serious injuries in ped/cyclist crashes, per 100,000 popn.	7	4	11	9	8	11	11	10	8	5	8	15	14	10
<b>Motorcycles</b>	motorcyclists hospitalised >1d, per 100,000 population	16	12	12	12	12	15	16	12	16	8	16	11	8	12
<b>Light vehicles</b>	% of vehicles in fatal/serious crashes without current WoFs	11%	11%	5%	11%	9%	16%	15%	23%	13%	18%	7%	12%	7%	12%
<b>Fatigue</b>	fatal/serious injuries in fatigue/distraction crashes, per 100,000 popn.	9	4	3	3	3	17	11	11	16	3	12	6	14	8
<b>Heavy vehicles</b>	fatal/serious HMV at fault crashes, 3yr avg, per 100m VKT	4	5	8	7	7	6	4	6	4	8	4	5	4	5
<b>Walk/cycle</b>	pedestrians and cyclists hospitalised >1d, per 100,000 population	13	10	10	10	10	8	10	11	9	6	5	10	9	9
<b>Older users</b>	persons 75+ years killed or seriously injured, per 100,000, 3yr avg.	48	37	32	33	34	69	53	52	54	23	34	64	77	51
<b>Restraints</b>	occupant deaths, restraints not worn, last 3 yrs, per 100,000 popn.	2.9	0.4	0.3	0.7	0.5	2.9	2.7	2.8	1.4	0.7	1.9	1.5	1.2	1.4

REGIONAL ROAD SAFETY OUTCOMES		NTH	AKL	WKT	BOP	GIS	HBV	TAR	M-W	WEL	N-M	W-C	CAN	OTG	STH
<b>Overall</b>	fatal or serious injury crashes per 100,000 population	62	26	59	50	51	46	45	52	24	39	113	54	66	55
	persons killed in road crashes, per 100,000 population	13	3	10	8	6	3	8	9	3	6	30	7	7	3
	persons hospitalised more than 1 day (>1d) , per 100,000 popn.	102	58	71	72	85	64	61	64	33	55	91	65	63	53
	ACC new entitlement claims, per 100,000 population	150	75	121	116	124	105	121	122	61	104	146	114	102	101
<b>Alcohol</b>	deaths or serious injuries in alcohol/drug crashes, per 100,000 popn.	25	8	19	18	28	14	8	12	6	5	21	9	17	9
<b>Youth</b>	young driver fatal/serious injuries, per 100,000 15-24 year olds	73	30	55	96	31	75	58	59	40	56	235	45	92	67
<b>Speed</b>	% vehicles exceeding 100 km/h limits	18%	46%	26%	20%	28%	13%	31%	27%	18%	7%	7%	43%	19%	35%
<b>High risk</b>	high risk drivers in fatal/serious crash, 3yr avg, per 100,000 popn.	8	3	7	8	7	6	4	5	4	3	5	5	5	1
<b>Roads and roadsides</b>	deaths + serious injuries in head-on crashes, per 100,000 popn.	8	1	10	10	6	2	16	8	3	14	12	4	12	8
	deaths + serious injuries, run-off road crashes, per 100,000 popn.	35	4	25	16	32	21	12	17	6	8	76	12	24	24
	deaths + serious injuries, intersection crashes, per 100,000 popn.	10	10	16	16	9	15	13	22	7	11	24	25	24	19
	deaths + serious injuries in ped/cyclist crashes, per 100,000 popn.	7	8	11	11	9	11	6	9	6	8	9	16	14	14
<b>Motorcycles</b>	motorcyclists hospitalised >1d, per 100,000 population	16	12	15	16	21	9	20	14	8	15	24	11	7	9
<b>Light vehicles</b>	% of vehicles in fatal/serious crashes without current WoFs	10%	9%	15%	17%	19%	25%	15%	12%	17%	9%	6%	12%	8%	5%
<b>Fatigue</b>	fatal/serious injuries in fatigue/distraction crashes, per 100,000 popn.	9	3	18	8	15	10	18	15	3	8	18	7	17	7
<b>Heavy vehicles</b>	fatal/serious HMV at fault crashes, 3yr avg, per 100m VKT	4	6	5	4	7	6	3	3	8	2	3	5	4	2
<b>Walk/cycle</b>	pedestrians and cyclists hospitalised >1d, per 100,000 population	13	10	8	11	17	9	11	8	6	5	6	10	9	8
<b>Older users</b>	persons 75+ years killed or seriously injured, per 100,000, 3yr avg.	48	35	69	50	24	59	62	46	25	24	57	65	85	62
<b>Restraints</b>	occupant deaths, restraints not worn, last 3 yrs, per 100,000 popn.	2.9	0.4	3.5	2.0	2.1	3.0	1.5	1.4	0.7	1.4	4.1	1.5	1.2	1.1